

LIMBERK, Jaroslav

Differential diagnosis of host plants to the Agrobacterium tumefaciens
and Agrobacterium rhizogenes. Biologia plantarum 4 no.3:220-225
'62.

1. Phytopathologische Abteilung des Institutes fur experimentelle
Botanik, Tschechoslowakische Akademie der Wissenschaften, Praha 6 -
Dejvice, Na Karlovce 1.

*

LIMBERK, Jaroslav

Dependence of the reproduction of tobacco mosaic virus on
position changes of growing sprouts. Biologia plantarum 3
no.4:297-304 '61.

1. Phytopathologische Abteilung des Biologischen Institutes,
Tschechoslowakische Akademie der Wissenschaften, Praha 6 -
Dejvice, Na Karlovce.

ULRYCHOVA, Marie; LIMBERK, Jaroslav

Some metabolic disturbances in tomato plants infected with
potato witches' broom. Biologia plantarum 6 no.4:291-
298 '64.

1. Department of Plant Pathology of the Institute of Experimental
Botany of the Czechoslovak Academy of Sciences, Prague 6,
Na Karlovce 1. Submitted March 21, 1964.

LIMBERK, Vladimir, prof. inz.

Optimum parameters of a bucket wheel. Uhlí 7 no.3:83-87 '65.

1. Higher School of Mining, Ostrava.

LIMBERK, Vladimir, prof. inż.

Effect of high spoil banks on the underground workings.
Uhli 7 no.1:11-13 '65.

1. Higher School of Mining, Ostrava.

LIMBERK, Vladimir, prof. Inz.

Stresses in roof strata of mine workings. Ural 6 no.11:361-364
p. 164.

1. Higher School of Mining, Ostrava.

LIMPERK, V.

"Mountain pressures in Miocene clays."

p. 3 (Sbornik Vedeckych Praci) Vol. 3, no. 1, 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. vbl. 7, no. 4,
April 1958

LIMBERK, V., prof.-inzhener

Excavation resistance of ground. Stor. trud. MISI no. 39:55-71
'61. (MIRA 16:4)

1. Gornyy institut v g. Ostrave, Chekhoslovatskaya Sotsialisticheskaya Respublika.

(Excavation)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929920016-3

LIMBERK, Vladimir, prof. inz.

Limiting conditions and calculation of limiting angle of
deposit dips. Sbor. VSB Ostrava 9 no.4:473-496 '63.

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929920016-3"

Limbora, K.

Problems of cooling large synchronous alternators. p. 195
ELEKTROTECHNICKY OBZOR. (Ministerstvo strojirenstvi a Ministerstvo
paliv a energetiky) Praha. Vol. 45, no. 4, Apr. 1956

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

LIMBORA, Karel, inz.

New experience with the ventilation and heat measurement of hydro-alternators. El tech obzor 50 no.10:577-585 O '61.

1. Statni vyzkumny ustav silnoproude elektrotechniky.

(Dynamos)

LIMBURSKA, Krystyna

Common facial angina and some related pathological syndromes.
Czas. stomat. 18 no.1:129-137 F '65

1. Z Kliniki Chirurgii Stomatologicznej Slaskiej Akademii
Medycznej w Zabrzu (Kierownik: prof. dr. M. Jankowski).

STANKIEWICZ-MUSIEROWICZ, Zofia; JAWORSKA, Anna; LIMBURKSA, Krystyna

A case of dermoid cyst of the tongue diagnosed by means of fistulography. Czas. stomat. 18 no.3:245-249 Mr'65.

1. Z Kliniki Chirurgii Stomatologicznej Slaskiej Akademii Medycznej w Zabrzu, (Kierownik: prof. dr. M. Jankowski).

ROSSOWA, Bronislawa; LIMBURSKA, Krystyna

Differentiation of the diseases of the salivary glands and
submaxillary lymph nodes. Czas. stomat. 18 no.8/9:1145-1150
Ag-S '65.

Diseases of the small salivary glands. Ibid.:1157-1160

l. Z Kliniki Chirurgii Stomatologicznej Slaskiej AM w Zabrzu
(Kierownik: prof. dr. M. Jankowski).

LIMCHER, A.L.

Ballistocardiography in normal subjects and in coronary atherosclerosis [with summary in English]. Terap.arkh. 31 no.1:24-33 Ja '59.
(MIRA 12:2)

1. Iz terapevticheskoy kliniki (zav. - prof. L.I. Fogel'son) TSen-tral'nogo instituta ekspertizy trudospособности i organizatsii truda invalidov.

(CORONARY DISEASE, diagnosis,
arteriosclerosis, ballistocardiography (Rus))

(BALLISTOCARDIOGRAPHY,
normal & in coronary arteriosclerosis (Rus))

LIMCHER, A.L.

Ballistocardiographic examination of patients following myocardial infarction and its significance for the disability evaluation.
Terap. arkh. 32 no. 2:48-56 F '60. (MIRA 14:1)
(HEART-INFARCTION) (DISABILITY EVALUATION)
(BALLISTOCARDIOGRAPHY)

LIMCHER, A. L.

Cand Med Sci - (diss) "Ballistocardiographic studies of patients with atherosclerosis of the coronal arteries of the heart and with coronary insufficiency, and their significance for the examination of work capacity of these patients." Moscow, 1961. 18 pp; (Inst of Normal and Pathological Physiology Academy of Medical Sciences USSR); number of copies not given; price not given; (KL, 10-61 sup, 225)

NEZLIN, S.Ye.; LIMCHER, A.L. (Moskva)

Disability evaluation and work organization for patients with disseminated form of pulmonary tuberculosis. Klin.med. no.12:
34-40 '61. (MIRA 15:9)

1. Iz tuberkuleznogo otdeleniya TSentral'nogo nauchno-issledovatel'skogo instituta ekspertizy trudosposobnosti i organizatsii truda invalidov (dir. - prof. D.I. Gritskevich) Ministerstva sotsial'nogo obespecheniya RSFSR.
(TUBERCULOSIS) (DISABILITY EVALUATION)

1 13125-66 EWT(1)/EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/JG/GG

ACC NR: AP5028923 (N) SOURCE CODE: UR/0185/65/010/011/1222/1226

AUTHORS: Aleksyevenko, L. I. (Alekseyenko, L. I.); Zhomnir, S. V.; Chedzhemova, I. L.; Nosenko, A. Ye.; Lymarenko, L. M. (Limarenko, L. M.); Pashkovs'kyy, M. V. (Pashkovskiy, M. V.)

ORG: Lvov State University im. I. Franko (Lvivs'kyy derzhuniversytet)

TITLE: Growth of zinc tungstate crystals and investigation of their optical properties

SOURCE: Ukrayins'kyy fizichnyy zhurnal, v. 10, no. 11, 1965, 1222-1226

TOPIC TAGS: optic spectrum, light absorption, luminescence spectrum, uv spectrum, ir spectrum, zinc compound optic material, single crystal

ABSTRACT: Zinc tungstate single crystals were grown from the melt by the Czochralski method. The crystals were grown in air in platinum crucibles using high-frequency heating. To provide the necessary temperature for crystal growth and further annealing above the platinum crucible a furnace with a nichrome heater was set up, making it possible to maintain a temperature of about 1000C. All crystals were annealed and cooled at room temperature, at which all investigations were made. The conditions were studied for obtaining crystals with chromium acti-

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L 13125-66

ACC NR: AP5028923

vator concentrations up to 2 at.% by adding Cr_2O_3 and CrC_3 . The penetration of the activator and the stoichiometry of the crystals were controlled by chemical analysis. The mosaicity angle increases on increasing the activator concentration from 8° up to $10^\circ 16'$ at a concentration of 2 at.%. Optical absorption spectra were obtained in the ultraviolet, visible, and near infrared. Luminescence spectra were obtained in the visible. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 21Dec64/ NR REF SOV: 001/ OTH REF: 007

Card

2/2 HW

ACCESSION NR: AP4029126

S/0133/64/000/004/0338/0340

AUTHOR: Bogoyavlenskaya, N. V. (Candidate of Technical Sciences); Limin, B. Ye.
(Engineer)

TITLE: Bipolar electrolytic polishing of pipes

SOURCE: Stal', No. 4, 1964, 338-340

TOPIC TAGS: electrolytic polishing, bipolar method, pipe

ABSTRACT: In order to eliminate the high percentage of scrap in the production of pipes, as a result of improper methods of electrolytic polishing, modern pipe production plants have adapted a bipolar method for electrolytic polishing. In this paper, the authors investigate a number of problems which arise in connection with this method and particularly in the manner in which current is supplied. In the bipolar method polishing process, the surface of the pipe is subjected to a cathode treatment which might lead to a hydrogen saturation of the metal and thus decrease the quality of the surface. In their experiments, the authors studied the hydrogenation process in two solutions: a sulfur-phosphoric acid electrolyte and a saturated sodium carbonate solution (Na_2CO_3). Only in the second case an occasional increase in the hydrogen content was observed, when the current density was increases. As a

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ACCESSION NR: AP4029126

result of the experiments, the authors concluded that a cathode residue has little effect on the quality of an electrolytically polished pipe surface. An increase of the internal diameter of the cathode cylinder exceeding even 1.5 times, does not effect a voltage drop in the installation. It was also noticed that a voltage drop depends to a very insignificant degree on the diameter of the pipe which is being polished. Orig. art. has: 4 figures and 4 formulas.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 28Apr64

ENCL: 00

SUB CODE: GE

NO REF SOV: 004

OTHER: 000

Card 2/2

GALUSHKO, V.P.; LIMIN, B.Ye.

Resonance properties of electrochemical autooscillation systems.
Dokl. AN SSSR. 154 no.1:191-192 Ja'64. (MIRA 17:2)

1. Dnepropetrovskiy gosudarstvennyy universitet im. 300-letiya
vostochedineniya Ukrayiny s Rossiyey. Predstavлено akademikom
A.N. Frumkinyem.

GALUSHKO, V.P.; LIMIN, B.Ye.

Phenomenon of resonance during anodic dissolution of copper in
orthophosphoric acid. Ukr.khim.zhur. 31 no.5:474-477 '65.
(MIRA 18:12)

1. Dnepropetrovskiy gosudarstvennyy universitet. Submitted

July 3, 1963.

L 15775-66

EWT(m)/EWP(t)/EWP(b)

IJP(c) JD/JG

ACC NR: AP6006403

(N)

SOURCE CODE: UR/0413/66/000/002/0146/0146

INVENTOR: Bogoyavlenskaya, N. V.; Bogomazov, V. A.; Limin, B. Ye.

ORG: none

TITLE: A method of electrolytic polishing of molybdenum and molybdenum alloys.
Class 48, No. 178255. [announced by the Ukrainian Scientific Research Institute
of Tubes (Ukrainskiy nauchno-issledovatel'skiy trubnyy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 146

TOPIC TAGS: molybdenum, molybdenum alloy, alloy polishing, electrolytic polishing

ABSTRACT: This Author Certificate introduces a method of electrolytic polishing of molybdenum and molybdenum alloys in an orthophosphoric acid-base electrolyte. In order to obtain a high-quality finish in the polishing of large pieces, the process is conducted in a solution containing 60% orthophosphoric acid (specific gravity 1.74), 20% sulfuric acid (s.g., 1.84), and 20% water at an anodic current density of 150—300 a/dm² and a temperature of 60—80C. [WW]

SUB CODE: 11/ SUBM DATE: 29Feb64/ ATD PRESS: 4100

Card 1/1

UDC: 621.923.7·669.286

48

B

DOLINSKAYA, L.A., kand.tekhn.nauk; LIMINA, L.P., inzh.

Characteristics of the structure and properties of boiler steels
of the perlite class. Teploenergetika 8 no.11:48-51 N '61.
(MIRA 14:10)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.
(Steel, Heat-resistant--Metallography)

L 59639-65 EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD
ACCESSION NR: AP5002184 S/0032/65/031/001/0120/0121 15

11
B

AUTHOR: Salli, I. V.; Limina, L. P.

TITLE: Unit for crystallization of alloys at high cooling rates

SOURCE: Zavodskaya laboratoriya, v. 31, no. 1, 1965, 120-121

TOPIC TAGS: alloy crystallization, molten metal splashing, splat unit, rapid melt cooling

ABSTRACT: Two units for splat cooling of alloys have been developed. The first unit (see Fig. 1 of the Enclosure) has copper disks 1 and 2 mounted on the shaft of electric motor 3. Half of the first disk is bent back forming a gap which during rotation alternately opens and closes under the pressure of roller 4. Alloy droplets thrown into the gap from small furnaces 5 are spread into a thin film and at motor rpm of 2500 are cooled at a rate of $1 \cdot 10^6$ C/sec. In the second unit (see Fig. 2 of the Enclosure) the alloy droplet from furnace 1 is thrown into rotating copper cylinder 4 by lever 2 and spring 3. The droplets are transformed by centrifugal force into a

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L 59539-65

ACCESSION NR: AP5002184

thin film. The extremely high rate of metal cooling reached in the described units made it possible, for instance, to raise the content of manganese in the α -solid solution of Al-Mn alloy up to 14%, compared to a maximum equilibrium content of 11.82% at the eutectic temperature. In the Pb-Cu alloy, in which mutual solubility of components is zero at room temperature, the solid solution of Pb in Cu (with about 4% Pb) could be obtained. Orig. art. has 2 figures. [ND]

ASSOCIATION: none

SUBMITTED: 00

ENCL: 07

SUB CODE: MM

NO REF SOV: 001

OTHER: 002

ATD PRESS: 3172

CCB 2/3

L 59639-65
ACCESSION NR: AP5002184

ENCLOSURE: 01

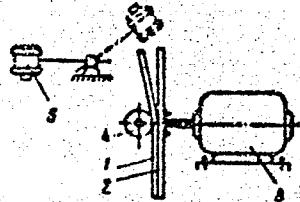
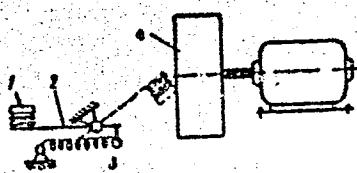


Fig. 1 Unit for alloy
rapid cooling equipped
with a roller



Unit for alloy rapid cool-
ing by centrifuging

Card 3/3 ALP

SALLI, I.V.; LIMINA, L.P.

Extension of the solidus line into the subcritical region.
Iav. vys. ucheb. zav.; tsvet. met. 8 no.4:117-122 '65.
(MIRA 18:9)
1. Kafedra metallofiziki Dnepropetrovskogo gosudarstvennogo
universiteta.

88772

18.6100

S/130/61/000/003/004/008
A006/A001AUTHORS: Feygin, L.S., Limina, Ye.A.

TITLE: The Use of Cermet Hard Alloys for the Cold Heading of Fastening Parts

PERIODICAL: Metallurg, 1961, No. 3, pp. 33 - 34

TEXT: One of the most efficient methods of raising the efficiency of cold-heading process is increasing the durability of the technological tool. Presently, tools used for the cold heading of fastening parts are made of high-carbon or high-chromium instrument steels. These tools show, however, short service life due to the quick wearing out of the operational surface, and cracking. Some years ago a number of plants started the use of dies with BK8 (VK8), BK10 (VK10) and BK15 (VK15) cermet hard alloy inserts. The durability of tools with such inserts is much higher than that of carbon steel instruments. However, they can not be used in cold heading of large-diameter parts due to cracking. Therefore the Nauchno-issledovatel'skiy institut metiznoy promyshlennosti (Scientific Research Institute of the Metalware Industry), the Vsesoyuznyy nauchno-issledovatel'skiy institut tverdykh splavov (All-Union Scientific Research Institute of Hard Alloys) together

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S/130/61/000/003/004/008
A006/A001

The Use of Cermet Hard Alloys for the Cold Heading of Fastening Parts

with the Magnitogorsk kalibrovochnyy and metizo-metallurgicheskdy zavody (Magnitogorsk Calibrating and Small Iron Ware Plants) developed optimum grades of cermet hard alloys suitable for the production of large-size inserts, and enlarged the nomenclature of tools with hard-alloy inserts for the cold-heading of fastening parts. The investigations were directed on the manufacture of 12 mm-diameter bolts and nuts. The following instruments were tested: cold heading dies; roughing dies for the manufacture of bolts and nuts; dies for operation IV in cold heading of round metal nuts. The inserts were made of VK20, VK25 and VK30 cermet hard alloys. Comparison tests were carried out with VK12 and VK15 alloys. It was found that the durability of all the tools investigated increased with a higher cobalt content in the alloy. However, maximum durability of the tools was obtained using a variety of alloys for the inserts. On the basis of the experimental investigation recommendations were developed as to the application of cermet hard alloys for cold-heading tool inserts (Table 2). It was found that cermet hard alloys are highly wear resistant, show low tensile strength and can not withstand tensile stresses arising from radial upsetting forces.

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S/130/61/000/003/004/008
A006/A001

The Use of Cermet Hard Alloys for the Cold Heading of Fastening Parts

Table 2: Cermet hard alloys for inserts of cold-heading tools

Инструмент Tool	Изделие Part	Диаметр диаметр изделия мм of part	Рекомен- дуемый твердый сплав Hard alloy recommended
Высадочные матрицы Heading dies	Болты Bolts	6-8 10 12-16	BK15 VK15 BK20 VK20 BK25 VK25
Черновые пuhanсоны Punch inserts	Болты Bolts	6-10 12-16	BK15 VK15 BK20 VK20
Матрицы IV операции Dies for operation IV	Гайки Nuts	6-8 10 12-16	BK15 VK15 BK20 VK20 BK25 VK25

There are 2 tables and 1 figure.

ASSOCIATION: NIIMETIZ

Card 3/3

S/123/62/000/013/016/021
A004/A101

AUTHOR: Limina, Ye. A.

TITLE: Using sintered carbide in the manufacture of fasteners by the cold-upsetting method

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 13, 1962, 14, abstract 13V53 ("Tr. Konferentsii po metizn. proiz-vu, 1959". Chelyabinsk, 1961, 346 - 354)

TEXT: Many plants manufacturing fasteners produce their upsetting tools of the BK 15 (VK15) sintered carbide. However, more than 70% of the tools made of this sintered carbide get out of commission owing to the chipping and cracking of the inserts. Investigations were carried out at the Magnitogorskiy kalibrovochnyy zavod (Magnitogorsk Calibration Plant) to find more durable sintered carbide grades. A test lot of tools was made of ductile sintered carbide grades having an increased Co-content (12 - 30%). Tools were tested operating under maximum heavy-duty conditions: for upsetting nuts - dies of the third and fourth operation; for bolts - upsetting dies and roughing top dies. It was found that the tool life increases with a higher Co-content. The average tool life of up-

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Using sintered carbide in...

S/123/62/000/013/016/021
A004/A101

setting female dies with VK15 inserts (15% Co) amounted to 100,000 - 150,000 M12 bolts. With a Co-content of 25% the female dies did not chip off, their average life amounted to 400,000 bolts. The investigations established the fact that the best sintered carbide grades for cold upsetting tools are the following: for upsetting female dies and roughing top dies for M10 bolts - VK15, for bolts from M12 to M16 - VK25-3, for female dies of the fourth upsetting operation of M6 - M8 nuts - the VK15 sintered carbide, and for M10 - M16 nuts - VK25-3. To avoid cracking the sintered carbide insert is pressed in a ring. It is recommended to make the rings of the Y 10 A (U10A) alloy whose service life exceeds that of the 30 XGCA (30KhGSA) alloy, which is used at our plants, by a factor of 4.5 and is superior to the Poldi 425 alloy used at a Czechoslovakian hardware plant, which is identical to our 3XB2C (3KhV2S) alloy. The negative allowances for pressing the inserts into the upsetting female dies and roughing top dies are 0.1 - 0.14 mm for M6 - M8 bolts and 0.15 - 0.18 mm for M12 - M16 bolts. The inserts for M10 - M12 nuts should be pressed into the female dies of the fourth operation with a negative allowance of 0.15 - 0.18 mm. There are 3 figures.

[Abstracter's note: Complete translation]

V. Pavlyuchenko

Card 2/2

LIMITI, D.

AGRICULTURE

Periodical KOOPERATIVNO ZEMELJELIK. No. 11, Nov. 1958.

LIMITI, D. Struggle in Italian villages against landowners. p. 44.

Monthly List of East European Accessions (EEA) LG, Vol. 8, no. 3, March, 1959. uncl.

POPOV, G.N.; LOBANOV, D.V.; LIMTOVSKIY, A.M.

Investigating the basic parameters of the hydraulic conveying
of clays. Izv. vys. ucheb. zav.; Sovet. nauch. R no.4(22).R. 195.

(MIRA 18,9)

1. Kafedra razrabotki mestorozhdeniy radikikh i radioaktivnykh
metallov Moskovskogo geologorazvedochnogo instituta.

LIMONAD, G.

Aerodynamics

Nekotorye Osobennosti Komponovki Radiatorov v Kryle Samoleta
(Some Particulars of the Airplane Wing Radiator Group). II,
G. Limonad. Full-scale tests were made on a trapezoidal wing with radiator openings in the leading edge, in order to determine the causes of interference between the duct and the wing and to ascertain the aperture slope causing the least interference. Reduction in lift attributable to placing the entrance apertures too near the upper surface of the wing, and duct losses, were lessened by lowering the entrance aperture and reducing its width. Improved performance and a saving in weight were obtained by redesigning the duct exits. The preservation of the flow around the wing surfaces was shown to be one of the most important factors in the design of wing radiators. Tekhnika Vozdushnogo Flota, February, 1945, pp. 13-15, 4 illus.

LIMONADOV, Kosadzin, inzh. geolog

Hydrogeological studies of themomineral springs in the Velingrad
lowland. Khidrotekh i melior 9 no. 3:90-91 '64.

LIMONADOV, Kostadin, inzh. geolog

Hydrogeologic studies of thermal mineral water near the village
of Gulyyna Banya. Khidrotekh i melior 9 no.9:278-279 '64.

MARTINOV, S.; LIMONADOV, K.; STRAKA, IU.

Thermomineral water pressure systems in southern Bulgaria.
Spis Bulg geol druzh 25 no.3:213-228 '64.

1. Vodokanalbroekt Research and Design Institute, Sofia. Submitted April 1, 1963.

LIMONCHIK, S.L.

LIMONCHIK, S.L. (Moskva)

Surgical treatment of umbilical hernia. Fel'd. i skush. 22 no.11:
28-29 N '57. (MIRA 11:2)
(HERNIA) (UMBILICUS--SURGERY)

LIMONCHIK, S.L. (Moskva)

Remote results of conservative therapy in chronic pulmonary suppurations as compared with pneumonia. Klin.med. 35 no.7:69-75 J1 '57.
(MIRA 10:11)

1. Iz chetvertoy khirurgicheskoy kliniki (dir. - prof. V.I.Kazanskiy)
TSentral'nogo instituta usovershenstvovaniya vrachey.
(LUNG DISEASES, therapy,
suppurative, conservative methods (Rus))

LIMONCHIK, S. L., Cand Med Sci -- (diss) "Remote results of conservative and surgical treatment of nonspecific pulmonary suppurations." Moscow, 1960. 14 pp; (Second Moscow State Medical Inst im N. I. Pirogov); 250 copies; price not given; (KL, 27-60, 160)

LIMONCHIK, S.L.

Late observations after single-stage pancreatoduodenectomy in cancer
of the head of the pancreas. Klin. med. 38 no. 4:134-135 Ap '60.
(MIRA 14:1)

(PANCREAS—CANCER) (DUODENUM—SURGERY)

LIMONCHIK, S.L.; CHERNYAKOVA, T.A. (Moskva)

Giant follicular lymphoma (Brill-Symmers disease). Klin.med.
40 no.6:59-63 Je '62. (MIRA 15:9)

1. Iz khirurgicheskogo otdeleniya (zav. - zasluzhennyj vrach
UkrSSR A.N. Fedorov) Basseynovoy bol'niцы No.2 (glavnnyj vrach
I.L. Popkov) Moskovsko-Oksko-Volzhskogo vodzdravotdela Ministerstva
zdravookhraneniya RSFSR.
(LYMPOMA)

VINOGRADOV, V.V. (Moskva, G-117, ul.Burdenko, d.11, kv.7); LIMONCHIK, S.L.

Observation of a benign tumor of Vater's papilla. Klin.khir. no.8:
79-80 J1 '62. (MIRA 15:11)

1. Khirurgicheskoye otdeleniye Basseynovoy bol'nitsy No.2 (zav. -
A.N.Fedorov) Moskovsko-Oksko-Volzhskogo vodnogo otdela
zdravookhraneniya. (DUODENUM—TUMORS)

LIMONCHIK, S.L.; MIRONOV, P.S.; LUCHINSKIY, I.I.

Four surgical interventions in four different sites of cancer.
(MIK. 18:3)
Vop. onk. 10 no.6:115-116 '64.

1. Iz khirurgicheskogo otdeleniya (zav. - A.N.Fedorov) Basseynovoy bol'nitsy No.2 Mokovsko-Oksko-Volzhskogo vodzdravotdela (ispolnyayushchiy obyazannosti glavnogo vracha - V.G.Kuryshko). Adres avtorov: Moskva, Zh-127, Naberezhnaya Maksima Gor'kogo, d. 22, Basseynovaya bol'ni'sa No.2.

LIMONCHIK, S.I., kand. med. nauk; KHARITONOV, I.G., kand. med. nauk;
BOGDANOV, A.V.

Valvulotubular gastrostoma in the surgery of cancer of the
stomach and esophagus. Khirurgija 40 no.3:124-126 Ag '64.
(NPA 18:3)

1. III kafedra khirurgii (zav. - prof. V.I. Kazanskiy) "Sentral'-
nogo instituta usovershenstvovaniya vrachey na baze Tsentral'noy
klinicheskoy bol'nitsy (nachal'nik - zasluzhennyj vrach RFSR
V.N. Zakharchenko) Ministerstva putey soobshcheniya i passeynovaya
bol'nitsa No.2 (glavnyj vrach I.I. Popkov) Vodzdravitdeju, Moskva.

BUKHMAN, A.I., kand. med. nauk; LIMONCHIK, S.L.; LUCHINSKIY, I.I.

Hemangic endothelioma of the stomach. Khirurgiia 40 no.12:
126-127. D '64.

(MIRA 18;3)

1. Khirurgicheskove otdeleniye (zav. A.N. Fedorov) i rentgenovskoye
otdeleniye (zav. I.I. Luchinskiy) Basseynovoy bol'nitsy №.2
(glavnyy vrach I.L. Popkov) Moskovsko-Oksko-Volzhskogo
Vodzdravootdela.

LIMONI-FM

LIMONI, M.

Soldering automobile bodies without acids. Avt. transp. 35 no.12:
17-18 D '57. (MIRA 11:1)
(Solder and soldering) (Automobile--Bodies)

LIMONIK, M. S.

"The Use of 'Gas Sulfur' Paste in Agriculture," M. G. Gabriyelova, and M. S. Limonik.
Coke and Chem (USSR) XI, No 3, pp 31-3(1941); Chem Zentr 1943, I, pp 994 (SEE: Inst.
Insect/Fung. in Ya. V. Samoylov)

SO: U-237/49, 8 April 1949

5(2)

AUTHORS: Yelinson, S.V., Limonik, M.S.

SOV/32-24-12-6/45

TITLE: The Determination of Magnesium in Zirconium Using Ion Exchange Chromatography (Opredeleniye magniya v tsirkonii s primeneniem ionnoobmennoy khromatografii)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 12, pp 1434-1436 (USSR)

ABSTRACT: The method is based upon the ability of zirconium to form an easily soluble oxalate complex compound which is not adsorbed by a cation exchanger (cationite). The magnesium in the solution is, however, adsorbed by the cationite and can then be eluted with hydrochloric acid. An ion exchange resin with the trade mark SBS (SO_3H is the active group) was used. The columns used were 25 ml burettes with a diameter of 12 mm and a height of 400 mm. Hf, Ti, Ca, Fe, and Al, and other admixtures may be present in the metallic zirconium, since they either form complex compounds which are not adsorbed (as the Zr), or are precipitated out at some point in the analytical procedure. Magnesium in content of 0.005 to 0.1% in zirconium can be determined colorimetrically using titanium yellow. A photocalorimeter of the FEK-M type with green filter (530 m μ) was used in these experiments. The experimental results (Tables 1,2,3) and the analytical procedure

Card 1/2

SOV/32-24-12-6/45

The Determination of Magnesium in Zirconium Using Ion Exchange Chromatography

are given.-There are 3 tables.

Card 2/2

LIMONIN, M. I.

Manufacture and use of a special bucket attached to the
TL-2-TSINS tractor shovel for unloading raw beet pulp.
Sakh.prom. 34 no.8:34-36 Ag '60. (MIRA 13:8)

1. Sakharnyy zavod imeni K. Libknekhta.
(Loading and unloading) (Sugar beets)

LIMONNIK, A. [Igmonnyk, A.]; DUBOVENKO, Ye. [Dubovenko, I.B.], red.;
LEVCHENKO, O., tekhn.red.

[Economic administration regions of the Ukraine] Ekonomichni
administrativni raiony Ukrains'koi RSR. Kyiv, Derzh.wyd-vo
polit. lit-ry URSR, 1957. 77 p. (MIRA 11:5)
(Ukraine--Administrative and political divisions)

LIMONNIKOV, L.G., PHYSICIAN

CAND MED SCI

Dissertation: "Permanent Iliac Fistula (Anatomic-Clinical Investigation)."

21 Nov 49

Second Moscow State Medical Inst imeni

I.V. Stalin

SO Vecheryaya Moskva
Sum 71

LIMONNIKOV, L.G., kandidat meditsinskikh nauk (Moskva, v-162, Mytnaya ul.
d.23, kv. 108)

Errors in the diagnosis and treatment of acute appendicitis and its
complications. Vest. khir. 77 no.8:96-101 Ag '56. (MIRA 9:10)

1. Iz khirurgicheskogo otdeleniya 1-y Gradskoy bol'nitsy (rukovedi-
tel' - president Akademii meditsinskikh nauk prof. A.N.Bakulev)
(APPENDICITIS, compl.
diag. & ther., errors)

LIMONNIKOV, L.G., kandidat meditsinskikh nauk

Errors in surgery. Khirurgiia, 33 no.1:114-116 Ja '57 (MLRA 10:4)

1. Po materialam Moskovskoy gorodskoy sudebnomeditsinskoy
ekspertizy (nachal'nik byuro ekspertizy L.S. Belisheva)
(Surgery, OPERATIVE
errors in surg.) (Rus)

LIMONNIKOV, L.G., kand. med. nauk (Moskva, B-162, ul. Mytnaya, d. 23,
kv. 108)

Errors in the diagnosis and treatment of acute intestinal obstruction.
Nov.khir.arkh. no.6:104-109 N-D '58. (MIRA 12:3)
(INTESTINES--OBSTRUCTIONS)

LIMONNIKOV, L.G., kand.med.nauk

Foreign bodies erroneously left in wounds during surgery. Sov.med.
22 no.2:90-94 F '58. (MIRA 11:4)

1. Po materialam Glavnay sudebno-meditsinskoy ekspertizy RSFSR
(nachal'nik Byuro V.K.Derboglav) i khirurgicheskogo otdeleniya 1-y
Moskovskoy gorodskoy klinicheskoy bol'nitsy (nauchnyy rukovoditel' -
prof. A.N.Bakulev)

(EXPERT TESTIMONY

on for. bodies erroneously left in wds. during surg.
(Rus))

(SURGERY, OPERATIVE

exper. testimony on for. bodies erroneously left in
wds. during surg. (Rus))

(FOREIGN BODIES

same)

~~LITOVNIKOV, L.G., kand.med.nauk~~

Some diagnostic errors to be avoided by surgeons. Khirurgia
34 no.7:110-113 Jl '58 (MIRA 11:9)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. A.N. Bakulev) II Moskovskogo mediteinskogo instituta imeni N.I. Pirogova.
(SURGERY, OPERATIVE complications caused by errors in diag., prev. & medico-legal aspects (Rus))
(EXPERT, TESTIMONY, in postop. compl. caused by errors in diag (Rus))

LIMONNIKOV, L.G., kand.med.nauk

Surgical errors. Khirurgia 35 no.2:98-101 F '59.
(MIRA 12:5)
1. Iz khirurgicheskogo otdeleniya (dir. - prof. A.N.Bakulev),
1-y gorodskoy klinicheskoy bol'nitsy imeni N.I.Pirogova, Moskva.
(SURGERY, OPERATIVE,
surg. errors (Rus))

LIMONNIKOV, L.G.

Charlatanism and quackery in medicine. Sud.-med.ekspert. 3 no.1:
37-40 Ja-Mr '60. (MIRA 13:5)

1. Moskovskaya gorodskaya suedbnomeditsinskaya ekspertiza (nachal'-
nik L.S. Velisheva).
(QUACKS AND QUACKERY)

LIMONOV, A., inzh.; BARDYSHEV, A., inzh.

Hinged panel scaffolds. Stroitel' no. 7:19 Jl '58. (MIRA 11:9)
(Scaffolding)

LAYNER, S., starshiy nauchnyy sotrudnik; LIMONOV, E., starshiy inzh.

Criteria and economic indices of seagoing freighter
efficiency. Mor.flot. 20 no.8:3-6 Ag '60.
(MIRA 13:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut morskogo
flota.
(Freighters—Cost of operation)
(Ocean liners—Cost of operation)

VOLCHEK, N., nauchnyy sotrudnik; LAYNER, S., nauchnyy sotrudnik;
LIMONOV, E., nauchnyy sotrudnik

Dry-cargo liner fleet of capitalist countries of Europe. Mor.
flot 22 no.4:38-39 Ap '62. (MIRA 15:4)

1. TSentral'nyy nauchno-issledovatel'skiy institut morskogo flota.
(Europe—Freighters)

LAYNER, S.V., kand.tekhn.nauk; LIMONOV, E.L.

Methods of economic justification for selecting the optimum
variant of a sea transportation ship. Trudy TSNIIMF no.29:62-
68 '60. (MIRA 15:11)
(Merchant marine—Cost of operation) (Ocean liners)

LAYNER, S.V., kand.tekhn.nauk; VOLCHEK, N.Z.; LIMONOV, E.L.

Composition and principle technical and operational
characteristics of dry cargo ships sailing regular ocean lines
and belonging to capitalist countries of Europe. Trudy TSNIIMF
no.43:64-80 '62. (MIRA 16:2)

(Ocean liners) (Freighters)

LIMONOV, E.L.

Analyzing methods of justifying the speed of merchant ships
used in foreign countries. Trudy TSNIIMF no. 56:65-77 '64.
(MIRA 17:11)

PATNER, L. V., KARL. TOLIN, and S. ALBERT, etc.

recent stage and trends in the development of the merchant marine in capitalist countries. Truly TMIWF no.52:49-57 '63
(MIRA 18:1)

LIMONOV, E.L.

Factors determining the selection of the deadweight capacity
and speed of ships in capitalist countries. Trudy TSMIIMF
no.61:3-30 '64. (MIRA 19:1)

LIMONOV, F.M.; KHARITONOV, B.A.

Regulating the angle of fuel injection advance in diesel engines.
Trudy LFI no.249/21-28 '65. (MIRA 18:9)

GEVORGYAN, B.A.; KATSMAN, Yu.V.; LIMONOV, G.Ye.; SAMKOV, V.S.; KATKOV, V.P.; VINOGRADOVA, L.V.; MAMYKINA, A.D.; POPOV, G.I.; DOROKHOV, A.A.; FALEYEV, G.A., inzh., retsenzent; BOGATAYA, L.M., red.; ZARSHCHIKOVA, L.N., tekhn. red.

[Press method for meat boning and deveining] Obvalka i zhilovka miasa pressovaniem. [By] B.A.Gevorgian i dr. Moskva, Pishche-promizdat, 1963. 31 p. (MIRA 16:8)
(Meat industry--Equipment and supplies) (Sausages)

REZNIKOV, A.N., kand.tekhn.nauk; PILINSKIY, V.I., inzh.; LIMONOV, I.P., inzh.;
KHARKOV, L.N., inzh.

Cutting tools having welded-on hard alloy tips. Mashinostroitel'
no.12:21-24 D '57. (MIRA 10:12)

(Cutting tools)

REZNIKOV, A.N., doktor tekhn.nauk, prof.; TEMNIKOV, A.V., kand.tekhn.nauk,
dottsent; LIMONOV, I.P., inzh.

Modeling of stationary thermal fields in a wedge taking into consider-
ation the relationship between heat conductivity and temperature. Vest.
mashinostr. 43 no.11:35-38 N '63. (MIRA 17:2)

LIMONOV, I.P., inzh.; KHOROL'SKIY, V.M., inzh.

Determination of the temperature field of a chopping cutter. Vest.
mashinostro. 43 no.11:39-42 N '63. (MIRA 17'2)

REZNIKOV, A.N., doktor tekhn.nauk, prof.; TEMNIKOV, A.V., kand.tekhn.nauk,
dotsent; LIMONOV, I.P., inzh.; DILIGENSKIY, N.V., inzh.

Using the method of electric simulation in evaluating the temperature
field of a cutting tool. Vest.mashinostr. 43 no.11:43-46 N '63.
(MIRA 17:2)

RESHETOV, Sergey Vladimirovich; LIMONOV, Sergey Ivanovich; SHAMANIN,
A.V., red.; SHENGER, V.A., red. izd-va; GVIPTS, V.L., tekhn.
red.

[Grinding attachments for the finishing of multistage cutting
tools] Shlifoval'nye prisposobleniya dlja obrabotki mnogo-
stupenchatogo rezhushchego instrumenta. Leningrad, 1963. 1.
(Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen pere-
dovym opyтом. Seria: Mekhanicheskaja obrabotka metallov, no.4)

(MIRA 16:5)

(Grinding machines--Attachments)
(Metal-cutting tools)

LIMONOV, S.P., inzhener; FAYTEL'SON, S.Kh., inzhener; KDEL'EV, N.P., kandidat tekhnicheskikh nauk, nauchnyy redaktor; YUDINA, L.A., redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiy redaktor.

[Apartment houses made of large brick blocks; construction practices in Vladimir] Zhiloe zdanie iz krupnykh kirkichnykh blokov; iz opyta stroitel'stva vo Vladimire. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit. 1957. 34 p.

(MLRA 10:6)

(Vladimir---Apartment houses)
(Bricklaying)

LIMONOV, S.P., inzhener; FAYTEL'SON, S.Kh., inzhener.

Apartment house construction using large brick blocks. Nov.tekh.
pered.op. v stroi. 19 no.3:12 Mr '57. (MLRA 10:4)
(Apartment houses) (Building blocks)

VASIL'YEV, F.I., inzh.; LIMONOV, S.M., inzh.; FAYGEL'SON, S.Kh., inzh.

Scaffolding for masonry work. Suggested by V.I. Vasil'iev, S.M. Limonov, S.Kh. Faygel'son. Rats.i izobr. predl.v stroi. no.16: 93-95 '60. (MIRA 13:9)

1. Trest No.94 Vladimirskogo sovnarkhoza.
(Scaffolding)

LIMONOV, V.Ye.; VARLAMOV, M.L.

Fog formation due to the interaction between SiF₄ and moist air.
Nauch. zap. Od. politekh. inst. 41:3-9 '62. (MIRA 17:4)

VARLAMOV, M.L., doktor tekhn. nauk, prof.; KRICHESKAYA, Ye.L.;
KOVNATSKAYA, B.S.; MANAKIN, G.A.; LIMONOV, V.Ye.; ENNAN, A.A.;
KOZAKOVA, L.M.; ZEROZHEK, L.S.

Study of the absorption towers of the granulation shops of a
superphosphate plant. Nauch. zap. Od. politekh. inst. 40:
62-72 '62. (MIRA 17:6)

9(2)

AUTHORS:

Abdeyev, Yu. M., Engineer,
Limonova, E. G. Engineer

S/119/60/000/03/002/017
B014/B007

TITLE:

An Electronic Apparatus for Voltage Multiplication

PERIODICAL: Priborostroyeniye, 1960, Nr 3, p 4 (USSR)

ABSTRACT:

A device is described in which two voltages are multiplied and which, contrary to the usual circuits, works without feedback. The circuit diagram is given in figure 1; it consists of a multivibrator (tubes 1 and 2), at the output of which a differentiator is connected. The differentiated pulses are fed into a cathode follower (tube 3), which, in turn, conveys only the positive pulses to a flip-flop oscillator (tubes 4 and 5). The negative square pulses of the flip-flop oscillator control tube 6, and it is finally shown

Card 1/2

An Electronic Apparatus for Voltage Multiplication S/119/60/000/03/002/017
B014/B007

that the output voltage is proportional to the voltage U_1
on the first multivibrator and to the voltage U_2 on the out-
put tube. There is 1 figure.

Card 2/2

21
ACC NR: AP6007166 SOURCE CODE: UR/0115/65/000/012/0041/0043

AM/JD/PC/GD-2

AUTHOR: Abdeyev, Yu. M.; Limonova, E. G.

ORG: none

TITLE: Automatic control of oxygen flow

SOURCE: Izmeritel'naya tekhnika, no. 12, 1965, 41-43

TOPIC TAGS: oxygen, combustion, automatic control, automatic control system, automatic control theory, melting furnace

ABSTRACT: An automatic control system for commercial-oxygen consumption by a melting furnace was developed by the authors ("Author's Certificate" 154050, Bull. izobr., 1963, no. 8). The article presents a general description of the system which maintains this relation: $q = \frac{q_1 \delta (b_1 - 0.2)}{\delta - 0.2}$, where q is the total flow of

DATA 1/2

UDC: 681.2:531.733

7/24-66
ACC NR: AP6007166

oxygen through the burner; q_1 is the commercial oxygen flow; δ is the oxygen content in the oxygen-air mixture; δ_1 is the pure-oxygen content in the commercial oxygen. These quantities are measured by automatic flowmeters and gas analyzers; the value of q is calculated by a computing device. Incomplete preliminary tests of the system are reported. Orig. art. has: 2 figures and 1 formula.

CODE: 13, 09 / SUBM DATE: none / ORIG REF: 001

Card 212 H.S

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929920016-3

ABDEYEV, Yu.M.; GOLOVINSKIY, L.V.; LIMONOVA, E.G.

Automatic measurement of the level of melts. Izm.tekh. no.8:49-
51 Ag '60. (MIRA 13:9)

(Liquid level indicators)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929920016-3"

ABDEYEV, Yu.M.; BORISOV, B.A.; LIMONOVA, E.G.

Measurement of the period of electric pulses. Izm.tekh. no.5:
47-48 My '62. (MIRA 15:6)
(Pulse techniques (Electronics))

LEMONOVA, N. N.

Leemonova, N. N. - "Vitamin-C and cell immunity", Trudy Medinstituta (izhev. gos. med. in-t), Vol. VI, 1948, p. 132-36.

SO: U-4110, 17 July 53, (Soviet Zhurnal Vnykh Statey, No. 19, 1949).

1. LIMONOVA, T. B.; ANTONOVSKIY, S. YU.
2. USSR (600)
4. Radishes
7. Storing radishes. Sad i og no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953, Unclassified.

LIMOV, S. G.

"On the effect of albuminous partial antigens if typhoid bacillus on the amount of sugar and number of leucocytes in the blood;" Trudy Medinstituta (Izhev. gos. med. in-ta), Vol. VII, 1949, p. 45-50

SO: U-3950, 16 June 53, (Letopis, 'Zhurnal 'nykh Statey, No. 5, 1949).

S/112/60/000/006/001/032

Translation from: Referativnyy zhurnal, Elektrotehnika, 1960, No. 6, p. 12,
1.1516

AUTHORS: Limova, I. G., Skipetrov, V. V.

TITLE: The "AF-17" (AF-17) Thermosetting Impregnating Varnish"

PERIODICAL: V sb.: Izolzatsiya elektr. mashin, Vol. 2, Moscow, 1958, pp. 70-76

TEXT: The AF-17 thermosetting alkyd phenol varnish has been tested. The varnish is based on polyester copolymer on the base of phthalic anhydride, modified with castor oil, and butylkneaded phenol-formaldehyde resin 101 (polyester : resin = 100 : 30). A 9:1 mixture of xylene and butanol is solvent and xylene is diluent. Physico-chemical and dielectric characteristics of AF-17 meet the requirements applicable to insulating impregnating varnishes. In respect to drying in a thick layer and cementing properties, AF-17 is superior to "447" and "M/M-16" (MGM-16) varnishes. AF-17 varnish has been used when developing a new insulation for windings of the traction motor "ДК-103" (DK-103) and for impregnating other electric machines. The technology of drying is described. AF-17 varnish can be recommended for impregnating windings of electrical machines and equipment with class A and B insulation operating under heavy duty conditions. (VEI)

Card 1/1

B. F. S.

✓

ACCESSION NR: AP4043820

S/0303/64/000/004/0019/0021

AUTHOR: Belkina, T. M., Zabyrina, K. I., Limova, I. G., Fromberg, M. B.

TITLE: Binder coatings for mica insulation tapes, based on modified epoxy resins

SOURCE: Lakokrasochnye materialy i ikh primeneniye, no. 4, 1964, 19-21

TOPIC TAGS: electric insulation tape, mica insulation tape, tape binder coating, tape saturation coating, modified epoxy resin, resin ED-6, resin E-40, polyester amide resin, binder coating insulating property, binder coating thermal stability, binder coating synthesis

ABSTRACT: The authors synthesized binders for synthetic mica insulation tapes intended for prolonged operation at 155C (heat resistance class F). The compositions were formulated from epoxy resins ED-6 or E-40 and polyester amide resins obtained by polycondensation of adipic acid, synthetic fatty acids, phthalic anhydride, glycerol and monoethylaniline. Tetraethoxysilane was used as the hardening agent. The hardening process is presented schematically and authors conclude that it represents a reaction between tetraethoxysilane and hydroxyl groups of the epoxy resin or the polyester, sometimes including a reaction between hydroxyl groups of the epoxy resin and alkoxy groups of the tetraethoxysilane. The synthesized coating retained viscosity of ~ 40 sec. over pro-

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ACCESSION NR: AP4043820

longed periods at an epoxy-polyester ratio of 100:40. Bonding capacity was best at 28.6% epoxy content. Saturation compounds and binders should contain 20-25% and 48-52% resin, respectively. Weight loss did not exceed 20-25% and bonding capacity remained at 25-30 kg over 30 days of heat aging. Thermal elasticity was 15-20 hrs. at 180C and up to 600 hrs. at 150C. Volume resistivity and dielectric strength values are also tabulated. "The mica insulation tape was prepared by O. M. Il'ina." Orig. art. has: 2 tables, 3 graphs and 1 chemical flow chart.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, OC

NO REF SOV: 002

OTHER: 004

Card

2/2

ACCESSION NR: AP4043330

S/0191/64/000/008/0064/0067

AUTHOR: Belkina, T. M.; Zabyrina, K. I.; Limova, I. G.; Fromberg, M. B.

TITLE: Adhesives for film-coated electrical insulating board

SOURCE: Plasticheskiye massy*, no. 8, 1964, 64-67

TOPIC TAGS: coating, adhesive, electrical insulation, insulating board, triacetate, polyethylene terephthalate, polyethylene, glyceroterephthalate, polyglycerophthalate, castor oil, Rezyl, acrylonitrile resin SKN-40, polyvinylformalethylal VL-7, alkydemicamine MGM-8, ethyl alcohol, toluene, acetone, bonding strength, alkydemicamine ML-92, polymer adhesive, polymer solubility, polyethylene film, silicic acid ester

ABSTRACT: The mechanical and dielectric properties of triacetate and polyethylene terephthalate films used for coating electrical insulating boards are tabulated and compared. For bonding polyethylene terephthalate films to electrical insulating boards, polymers such as polyethylene glyceroterephthalate, polyglycerophthalate modified with castor oil (Rezyl) and acrylonitrile resin SKN-40 dissolved in acetone or in a 1:1 mixture of alcohol and acetone, with different modifiers, were tested. Commercial lacquers such as polyvinylformalethylal VL-7 and alkydemicamines MGM-8 and ML-92 were also tested, using an electric adhesiometer on 5-mm - wide coated strips. The adhesive was applied to

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ACCESSION NR: AP4043330

the cardboard in a thin layer and dried for 3-4 min. at 90C before the polymer film was applied to it; the sample was then kept under a pressure of 15-20 kg/cm² at 90 + 5C. The highest bonding strength was obtained with the Rezyl resin 90, modified with the ethyl ester of o-silicic acid. A plot of the stability of the Rezyl compositions against the content of the ethyl ester of o-silicic acid showed that the gelatinization time of Rezyl diminishes considerably with increasing ester content. The viscosity of bonding compositions with different solvents was plotted against storage time at 20 + 5C. Stable compositions were obtained by dissolving them in a mixture of alcohol and toluene (1 :1) or ethyl alcohol-toluene-acetone (1:1:1). They remained stable for 5 months during which time their viscosity remained almost unchanged. The Rezyl adhesive modified with the ethyl ester of o-silicic acid (23-7) applied to metal showed high heat-stability and very good electrical characteristics, which did not change significantly in a humid atmosphere. The characteristics of the composition 23-7 and those of the bonded insulating board are listed. Orig. art. has: 2 figures, 2 tables and 1 chemical equation.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: OC, MT

OTHER: 003

Card 2/2

NO REF SOV: 000

LIMOVCHENKO, G.R.

User/Agriculture - Stock raising

Card 1/1 Pub. 86 - 19/36

Authors : Limovchenko, G. R., Cand. Agr. Sc.

Title : Altaic breed of fine-wooled sheep

Periodical : Priroda 44/6, 104 - 107, Jun 1955

Abstract : A sketch is presented of the introduction of fine-wooled sheep into Siberia with a description of the sheep themselves and an account of the work done in trying to improve the breed and increase the production of high-class wool. Illustrations.

Institution :

Submitted :

S/137/62/000/004/193/201
A154/A101

AUTHORS: Marinchek, V., Limpakh, V.

TITLE: Gases in ferro-alloys

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 5, abstract 4K29
("27-y Mezhdunar. kongress liteyshchikov, 1960", 1961, 159-172)

TEXT: Hot-vacuum extraction analysis of ferro-alloys is described. Description is given of an analyzing apparatus, which can operate at up to 2,000°C and must be provided with an instrument for drawing "gas volume diagrams" (gazovologramy). Analysis of various ferro-alloys shows that the content of gases in them varies in a very wide range and depends on chemical composition of ferro-alloys, on their origin, dimensions of their grains, and on the method of storage of same. Smaller pieces of ferro-alloys contain greater amounts of gases: long storage time increases the amount of gas in ferro-alloys - the faster the greater is the affinity of the alloying elements (Ca, Al and others) to O. A recommendation is given on how to select test samples for determination of gas in them.

[Abstracter's note: Complete translation]

L. Vorob'yeva

Card 1/1